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1  APPLICANT: Papsidero, Lawrence D
2  APPLICANT: Dyster, Lyn M
3  APPLICANT: Frustaci, Jana M
4  TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
5  FILE REFERENCE: 200755/1002
6  CURRENT APPLICATION NUMBER: US/09/146,580A
7  CURRENT FILING DATE: 1998-09-03
8  EARLIER APPLICATION NUMBER: 60/071,889
9  EARLIER FILING DATE: 1998-01-20
10 EARLIER APPLICATION NUMBER: 60/092,155
11 EARLIER FILING DATE: 1998-07-09
12 NUMBER OF SEQ ID NOS: 18
13 SOFTWARE: PatentIn Ver. 2.0
14 SEQ ID NO 7
15 LENGTH: 381
16 TYPE: DNA
17 ORGANISM: Homo sapiens
18 FEATURE:
19 NAME/KEY: unsure
20 LOCATION: (207)
21 OTHER INFORMATION: N at position 207 is either A, C, G, or T
22 FEATURE:
23 NAME/KEY: unsure
24 LOCATION: (272)
25 OTHER INFORMATION: N at position 272 is either A, C, G, or T
26 US-09-146-580-7

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Query Match	18.8%;	Score 379;	DB 4;	Length 381;
Best Local Similarity	99.5%;	Pred. No. 4.2e-78;		
Matches 379;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	147	TGCAGCAGACAGAGACTCGCCATCGTGGCTTGGCTGTCTGTGGCGCCCTACATCGCTCAG	205	
Db	1	TGCAGCAGACAGAGACTCGCCATCGTGGCTTGGCTGTCTGTGGCGCCCTACATCGCTCAG	60	
QY	207	AAGCCATACTTCCCATTCGCTCCAGCTGTTTGCACGGAGGTTTCACATCAVATTTCCAGAA	266	
Db	61	AAGCCATACTTCCCATTCGCTCCAGCTGTTTGCACGGAGGTTTCACATCAVATTTCCAGAA	120	
QY	267	GGCTCTCTGGAAAGAGTGAATATGTGTGCGATCCAGAGAGCTGATGGGGATTGTGACTTGG	326	
Db	121	GGCTCTCTGGAAAGAGTGAATATGTGTGCGATCCAGAGAGCTGATGGGGATTGTGACTTGG	180	
QY	327	CTGCTGTCTATCCTTTCAATGTCGAAGCGCAGAGAAGATCTGTGTGAGCCCGCACAAACCATACTG	385	
Db	181	CTGCTGTCTATCCTTTCAATGTCGAAGCGCAGAGAAGATCTGTGTGAGCCCGCACAAACCATACTG	240	
QY	387	TTAAGCAGCTGGATGAAGAGTCCAGCTCCCAAGAAAAATGGTTAAGGAAATGTTTGGCCACA	446	
Db	241	TTAAGCAGCTGGATGAAGAGTCCAGCTCCCAAGAAAAATGGTTAAGGAAATGTTTGGCCACA	300	
QY	447	GGAAGAAACACCATGGCAGAGAGAAACAGTTAAACAGGGCACATCAGGGGAAACACCGAACAAT	506	
Db	301	GGAAGAAACACCATGGCAGAGAGAAACAGTTAAACAGGGCACATCAGGGGAAACACCGAACAAT	360	
QY	507	ACGGCCATAAAATCTCCTTATT	527	
Db	361	ACGGCCATAAAATCTCCTTATT	381	

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RESULT 4
US-09-146-580-11/c
; Sequence 11, Application US/09146580A
; Patent No. 6306653
; GENERAL INFORMATION:
; APPLICANT: Papsidero, Lawrence D
; APPLICANT: Dyster, Lyn M
; APPLICANT: Frustaci, Jana M
; TITLE OF INVENTION: DETECTION AND TREATMENT OF BREAST DISEASE
; FILE REFERENCE: 200755/1002
; CURRENT APPLICATION NUMBER: US/09/146,580A
; CURRENT FILING DATE: 1998-09-03
; EARLIER APPLICATION NUMBER: 60/071,889

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? EARLIER FILING DATE: 1998-01-20
? EARLIER APPLICATION NUMBER: 60/0092,155
? EARLIER FILING DATE: 1998-07-09
? NUMBER OF SEQ ID NOS: 18
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO 11
? LENGTH: 311
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: unsure
? LOCATION: (101)
? OTHER INFORMATION: N at position 101 is either A, C, G, or T
? FEATURE:
? NAME/KEY: unsure
? LOCATION: (162)
? OTHER INFORMATION: N at position 162 is either A, C, G, or T
US-09-146-580-11

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Query Match	15.0%	Score 302;	DB 4;	Length 311;
Best Local Similarity	99.3%;	Pred. No. 2e-60;		
Matches 302;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	208	AGCCATACCTCCCATTCGCTCCAGCTGTTCCACGGAGGTTTCATCATATATTTCCAGAAG	267
DB	311	AGCCATACCTCCCATTCGCTCCAGCTGTTCCACGGAGGTTTCATCATATATTTCCAGAAG	252
QY	268	GCTCCTCGMAAGAGTGAATATGTGCGCATCCAGAGAGCTGATGGGATTTGCACTTGGC	327
DB	251	GCTCCTCGMAAGAGTGAATATGTGCGCATCCAGAGAGCTGATGGGATTTGCACTTGGC	192
QY	328	TGCTGTCACTCCTTCATGTCAAGCGCAGAGAAATCTGTGTGAGCCGCACAAACATACTGT	387
DB	191	TGCTGTCACTCCTTCATGTCAAGCGCAGAGAAATCTGTGTGAGCCGCACAAACATACTGT	132
QY	388	TAGCAGTGGATGAAGTGCAGCTGCCAAGAAAAATGTTAAAGAAATGTTTGGCCACAG	447
DB	131	TAGCAGTGGATGAAGTGCAGCTGCCAAGAAAAATGTTAAAGAAATGTTTGGCCACAG	72
QY	448	GAAGAAACACCTGGCAAGAGGAACAGTAACAGGGCACATCAGGGGAAACACGAAACATA	507
DB	71	GAAGAAACACCTGGCAAGAGGAACAGTAACAGGGCACATCAGGGGAAACACGAAACATA	12
QY	508	CGGC 511	
DB	11	CGGC 8	

RESULT 5
US-08-814-095-7/c
; Sequence 7, Application US/08814095
; Patent No. 6025183
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Zakut, Haim
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR
; TITLE OF INVENTION: ANTI-CHOLINESTERASE SUBSTANCES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 No. 6025183Western Highway, Suite 41
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: U.S.
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/814-095

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; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Montgomery, Ilene N.
; REGISTRATION NUMBER: 38,972
; REFERENCE/DOCKET NUMBER: 2391.00066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35060 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Cosmid including ACHE
; DESCRIPTION: promotor, ACHE gene and ARS gene"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: 7q22
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; NAME/KEY: promotor
; LOCATION: 4089..22464
; OTHER INFORMATION: /function= "ACHE Promotor"
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; OTHER INFORMATION: /function= "non-translated"
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; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 10
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; NAME/KEY: exon
; LOCATION: 31131..31284)
; OTHER INFORMATION: /gene= "AR"
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; NAME/KEY: exon
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; OTHER INFORMATION: /gene= "AR"
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; NAME/KEY: exon
; LOCATION: 30470..30626)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 13
; FEATURE:

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; NAME/KEY: exon
; LOCATION: complement (30187..30274)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 14
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; NAME/KEY: exon
; LOCATION: complement (29945..30073)
; OTHER INFORMATION: /gene= "AR"
; OTHER INFORMATION: /number= 15
; FEATURE:
; NAME/KEY: exon
; LOCATION: complement (29664..29856)
; OTHER INFORMATION: /gene= "ARS"
; OTHER INFORMATION: /number= 16
; US-08-814-095-7

Query Match 11.4%; Score 230; DB 3; Length 35060;
Best Local Similarity 57.7%; Pred. No. 3.3e-43;
Matches 486; Conservative 0; Mismatches 350; Indels 6; Gaps 4;

QY 669 GCGGTATGCAATGTAGCCAAATATATACCTCAAACTCTCGGCTCAAGCATCTCCAC 728
Db 8199 GGGTCTGTGTATGTTCGCCAGGCTGCTCGAACTCGTGAAGCTCAAGCAATCTGCCGC 8140
QY 729 CTTAGCCTCCAAAGTACTGGGATATAGGTGTGAGCCAGTGCCTGGCTAATATTT 788
Db 8139 CTGAGCTCCCAAGTCTGGGATACAGAGTGAAGCTGTCTGGTCTAGCTTTT 8080
QY 789 TCTTGATCAAAATCAGGTTTAAATGTTTGGTTAAGAAATTTCTTACGTGAATTCGTG 848
Db 8079 ATTATAAATGAGCAATTAAGGAATGCAGTCTTTAATCAGAACTCTGCCAATGCTTTT 8020
QY 849 ACTTATTTTCATTAGAGTTCAATAATATAGGTTTATTTCTTAAATAGAAATGTTT 908
Db 8019 ATCTAGATGCTATATGCACCTTTGTCTCTATGAATTTTGTCTCAAGAAAGCAGGA 7960
QY 909 AAACTAAATATACTTCAAAAGCTAGTTTGTAGTACTACCGTTGTTGGATTGAAT 968
Db 7959 TTACATTTTTCCTTAACAGATGAGTTGGTG-ARGTGATTTCTTGGTTACCAATG 7901
QY 969 TTCTGATPACTGAAAGAACAAAAGCCCTGCTTTCTGCCAGAACCTTTTGCCTCCCCCA 1028
Db 7900 CTCACATAGCTTTAGGTTTGAATGGGTAAATAT--TCATGATGCGTGAAAGCATAA 7844
QY 1029 GTGAGTTCTTGAGCAGCAGTCTAGTTAGGGCCAGAGTTCGGCTTCTGTGTGATTT 1088
Db 7843 TAGCTATGTGTGATCTCAGTCTCTATGAGATTGGATTTCTGCTACACCCAGACCTA 7784
QY 1089 TAGCTCTGCTTAA-CAAGGAGCTACATCTTTTAGTCTCTATTCCACCTTCTCACAC 1147
Db 7783 GAAGGAATGTCAAGCTGTAAATGCTGGTGAATGTGGAGACTTTGTTTTCCTCTG 7724
QY 1148 GTTTTGTGTTGTTGGTTGTTTTTTTGTGAGACAGTCTCAGTCTGTGTCGCCAGCT 1207
Db 7723 TTTTTCATTTCTCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTG 7664
QY 1208 GAGTGCAGTGGCACAATCTCGGTCTATGGAACCTCCGCTCCCGGTTCAAGTATTC 1267
Db 7663 GAAGTGAATGAGCGAGCTGTGGCTACTGCAACCTCCGCTCTTGAGCTCAAGCGATTC 7604
QY 1268 TCTTGCTCAGCTCCCAAGTAACTGATATTACAGGCGCCAGCACCACACCCCGCTGA 1327
Db 7603 TCTTGCTCAGCTCTCGAATAGCTGGGATACAGGC-ACATGCCACACACCCCGGTAA 7545
QY 1328 TTTTGTATTTTAGTAGACCGGGTTTCCACGTGTCGGGCTGTGTCCTCAAACTCT 1387
Db 7544 TTTTGTATTTTAGTAGATGAGGTTTTCACCATGTGGCCAGGCTGTGTTGAAATTC 7485
QY 1388 TGACCTCAAGTGAACACCGCTCTGCTCCCAAGTGTGGAATACAGGCTGAGCC 1447
Db 7484 TGACTTCAGGTGATCCACCGCTCCGCTCCCAAGTGTGGAATACAGGCTGAGCC 7425
QY 1448 ACCATGCGGCTCACAGGTTTGAATTGATACCAATGTGCCATTCCTTTTGGCTCTT 1507
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Db 7424 ACTGTCCCGGCTATTCTTCTATCTAATGTATTTTGTAGTATCAACCACTCTC 7365
QY 1508 TT 1509
Db 7364 TT 7363

RESULT 6
US-09-810-347-3
; Sequence 3, Application US/09810347
; Patent No. 6461847
; GENERAL INFORMATION:
; APPLICANT: YE, Jane et al.
; TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES
; FILE REFERENCE: CL001169
; CURRENT APPLICATION NUMBER: US/09/810,347
; CURRENT FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 42571
; TYPE: DNA
; ORGANISM: Human
; US-09-810-347-3

Query Match 11.1%; Score 224; DB 4; Length 42571;
Best Local Similarity 83.9%; Pred. No. 8.3e-42;
Matches 265; Conservative 0; Mismatches 50; Indels 1; Gaps 1;

QY 1149 TTTTGTGTTGTTGTTGTTTGTGTTTGTGAGACAGTCTCACTCTGTTGCCAGGCTG 1208
Db 36514 TTCTTTTGTGTTGTTGTTGTTTGTGAGATAGAGTCTGCTCTGTTTACCAGGCTG 36573
QY 1209 GAGTGCAGTGGCACAATCTCGGCTCATGCAACTCGGCTCCGGCTCCGGGTTCAAGTATCT 1268
Db 36574 GAGTGCAGTGGCACAATCTCGGCTCACTGCACTCCACCTCTCTGTTTCAAAAGATTCT 36633
QY 1269 CTTGCTCTCAGCTCCCAAGTAACTGATATTACAGGCGCCAGCACCACACCCCGCTGAT 1328
Db 36634 CTTGCTCTCAGCTCTCTGAGTAGCTGGATTAAGAGGCC-GCACCATGCCAGCTAAT 36692
QY 1329 TTTTGTATTTTGTAGTAGACGGGTTTCCACGTGTGGCGGCTGTGTTCTCAAACTCTT 1388
Db 36693 TTTTGTATTTTGTAGTAGACGGGTTTCCCATGTTGGCCAGGCTGTTCTGAACTCTT 36752
QY 1389 GAGCTCAAGTGAACACCGCTCTGCTCCCTCCCAAGTGTGGAATTACAGCGTGAACCA 1448
Db 36753 GAGCTCAGGTGATTCACCGCTTCCCAAGTGTGGAATTACAGCGTGAACCA 36812
QY 1449 CCATGCGGCGCTCACA 1464
Db 36813 CCATGCGTGGCCCAA 36828

RESULT 7
US-10-027-983-11/c
; Sequence 11, Application US/10027983
; Patent No. 6617162
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 11
; LENGTH: 392000
; TYPE: DNA
; ORGANISM: Homo sapiens
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[illegible]

TITLE OF INVENTION: APOPTOSIS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,702
FILING DATE: Concurrently Herewith
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMillian, Nabeela R.
REGISTRATION NUMBER: P-43,363
REFERENCE/DOCKET NUMBER: UTSD:546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512)418-3000
TELEFAX: (512)474-7577
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2839 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-061-702-1

Query Match 10.8%; Score 218.2; DB 3; Length 2839;
Best Local Similarity 58.0%; Pred. No. 7.4e-41;
Matches 462; Conservative 0; Mismatches 328; Indels 7; Gaps 4;

QY 669 GCGGTATGCAAAAGTAGCCAAATATATACCTCAACTCCTGGCTCAAGCATCCTCCAC 728
Db 1480 GGGGTTTACCATTGTGTGTCAGGCTGTCTCAAACTCCTGACCTCAGGTGATCCGCCAC 1539

QY 729 CTTAGCTCCCAAAGTACTGGGATTATAGTGTGAGCCACAGTGCCTGGCTAATATTT 788
Db 1540 CTCAGCTCCCAAAGTCTGGATGACAGGTGTGAGCCATGCGCCAGCTCAATCAT 1599

QY 789 TCTGTGATCAAAATTCAGGTTTAAATGTTTTGGTTAAGAAATTTCCCTACGTGAATCGTGT 848
Db 1600 TCTTATACCTTCTGACAGCCCAACTTCCAGAGGACAGCTCTGGGTACTCGTTGGATGC 1659

QY 849 ACTTATTTTGTCTAT-TTAGAGTTTCATAAATATAGGTTTATTTCTAATAGAAATGTT 907
Db 1660 TGTGAGTACCTGGTCTATACGGGTGAGTGGGAATAAGATTTGCTCTGGGCTGAGGAATC 1719

QY 908 TAAATAAATAAATACTTCAAAAGCTTAGTGTGAGTACGCTACCGTTGTTTGAATGAAAT 967
Db 1720 TTCTGTCTCTGTTTCAACAGCGTTGGGTTGCTCATGTAATGTTGGTCAACATCTCAA 1779

QY 968 TTCTGATCTGAAAAGAACAAAGCCTGCTTCTGCGCCAGAACTTTTGCTCCCC 1027
Db 1780 ATGGTCTCATGGCTGAAGTTGGCCACCTCTTGGAGGACAAAGTTGTTATGATCAGCT 1839

QY 1028 AGTCAGTTCTTGAGGACGACTAGTTAGGGCCGAGAGTTCGGCTCTGTTGGTGAAT 1087
Db 1840 CTCTGCTGGGTCTCCCTTTTCCATGGCAATGGGCGCTCATCTCTTGTCTTCTAAAT 1899

QY 1088 -----TTACGCTCTGCTTAAACAAAGGAGCCTACATCTTTTAGCTCTCTATCCACCTTCTC 1143
Db 1900 GCCCAAAAGAGGTGTCTATGTTTGGGGTACAGATGTTTATCTCCGTAAGAACATACAA 1959

QY 1144 ACAGTTT-TTGTGTTGTTGTTGTTGTTTTTTTGGAGACAGAGTCTCACTCTGTGCCC 1202
Db 1960 GGACATTCACGTGATTTTTTTTTTTGTTGTTGTTGTTGAGACAGGGTCTCACTCTGTGCTC 2019

QY 1203 AGCTGGAGTGCAGTGCCACAATCTCGCTCATTTGAACTTCGGCTCCCGCTTCAAGT 1262
Db 2020 AGCTGGAGTGCAGTGATCAATCTTGGCTCACTGCAACCTCCGCTTCAAGT 2079

QY 1263 GATTCTTCTGCTCAGCTCCCAAGTAAGTAACTGATTAACAGGCGCCAGCCACACACCCC 1322
Db 2080 GGTTCCTGCTCAGCTCCCAAGTAGCTGGGATTAACAGGACCTA-CCACAGGGCCA 2138

QY 1323 GCTGATTTTGTATTTTATAGTAGAGACGGGGTTTTCCACGTTGGCGGGCTGTCTCAA 1382
Db 2139 GCTAAATTTTGTATTTTGTAGTAGTAACGGGGTTTTACCAATGTTGGCAGGCTGTCTCGA 2198

QY 1383 ACTTTGACCTCAAGTGAACCAACCGGCTGTGCTCCCAAGTGTGGAATTAACGCGT 1442
Db 2199 ACTCCTGACCTCAGGTGATCTGCCCGCTCGGTCTCCCAAGTGTGGAATTAACGCGAT 2258

QY 1443 GAGCCACCATGCCGGG 1459
Db 2259 GAGCCACTGCACCTGAC 2275

RESULT 14
US-09-791-211-10/c
; Sequence 10, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 10
; LENGTH: 98844
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 24962
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
; LOCATION: 64383
; OTHER INFORMATION: unknown
; NAME/KEY: unsure
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US-09-791-211-10

Query Match 10.8%; Score 217.4; DB 4; Length 98844;
Best Local Similarity 80.4%; Pred. No. 3.6e-40;
Matches 279; Conservative 0; Mismatches 66; Indels 2; Gaps 2;

QY 1138 CTTCTCACACGTTTTTGTGTTGTTGTTGTTTTTTTTTTTGGAGACAGTCTCACTC-TG 1196
Db 82345 CATGTAAAAATTCACCTTTTTTTTTTTTTTTTTTTTTTTTGGAGACAGTTCGCTCTTG 82286

	Query Match	100.0.0%;	Score 2017;	DB 9;	Length 2017;	
	Best Local Similarity	100.0.0%;	Pred. No. 0;			
	Matches 2017;	Conservative	0;	Mismatches	0;	Indels
						Gaps
QY	1	TAGATACCTTGAAACCTCCACAGGGGGGGCCACTGGCTTACTTTTCTCTGCACCTTTC	60			
Db	1	TAGATACCTTGAAACCTCCACAGGGGGGGCCACTGGCTTACTTTTCTCTGCACCTTTC	60			
QY	61	TCTGTGCCCAAGSACACCTTTTAGCCTCATTTCTGATCGAACAGGCTCACTTGTGTGCT	120			
Db	61	TCTGTGCCCAAGSACACCTTTTAGCCTCATTTCTGATCGAACAGGCTCACTTGTGTGCT	120			
QY	121	GTTCAGTGCACGTAGGCGACGCGAGGAATGCAGCAGAGAGACTCGGCATCGTGGCCCTTGGC	180			
Db	121	GTTCAGTGCACGTAGGCGACGCGAGGAATGCAGCAGAGAGACTCGGCATCGTGGCCCTTGGC	180			
QY	181	TGTCTGTGGGGCCCTACATGCTCGAAGCCCATCTTCCCATTTGCTCCACGTGTTTGCAC	240			

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241 GGAGTTTTCATCATCATATTTCCAGAGGCTCCTGGAAGAGTGATATGTGTGCGATCCA 300
301 GAGAGCTATGGGATTTGTGACTTGGCTGTGCTCATCTTTCATGTCAGAGCCAGAGAAAT 360
301 GAGAGCTATGGGATTTGTGACTTGGCTGTGCTCATCTTTCATGTCAGAGCCAGAGAAAT 360
361 CTGTGTGAGCCCGCAGAACCATATCTGTTAAGCAGTGGATGAAAGTGCAAGCTGCCAAGAA 420
361 CTGTGTGAGCCCGCAGAACCATATCTGTTAAGCAGTGGATGAAAGTGCAAGCTGCCAAGAA 420
421 AAATGGTAAAGAAATGTTTGCACAGGAAGAAACCATGCGCAAGAGAAACAGTAAACAG 480
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481 GGCAATCAGGGGAACAGAACCATACGCGCATATAAACTCTTATTAGAGAGTCTACAG 540
541 ATAAATCTACAGAGACAATCTCAAGTGGACTTGGCCCATGATGGTTGTAAGTTTATCA 600
541 ATAAATCTACAGAGACAATCTCAAGTGGACTTGGCCCATGATGGTTGTAAGTTTATCA 600
601 TCTGAATTTCTCTTATTGTAGACAAACAGAAACAAACAAATATGTTGTTTAAATAATGA 660
601 TCTGAATTTCTCTTATTGTAGACAAACAGAAACAAACAAATATGTTGTTTAAATAATGA 660
661 ACAATGTCGGGTATGCAATAGTACCAATATATATCTCAAACTCCTGGCTCAAGCGAT 720
661 ACAATGTCGGGTATGCAATAGTACCAATATATATCTCAAACTCCTGGCTCAAGCGAT 720
721 COTCCACCTTAGCCCTCCAAAGTACTGGGATTTAGGTGTGAGCCACAGTGCCTGGCT 780
721 COTCCACCTTAGCCCTCCAAAGTACTGGGATTTAGGTGTGAGCCACAGTGCCTGGCT 780
781 AATTATTTCTTGTGATCAAAATTCAGGTTTAAATGTTTGGTTAAAGAAATTCCTACGTGA 840
781 AATTATTTCTTGTGATCAAAATTCAGGTTTAAATGTTTGGTTAAAGAAATTCCTACGTGA 840
841 ATTCGTGACTTATTTGTGCTTATGAGTTTCAATATATAGGGTTATTTCTAAATAG 900
841 ATTCGTGACTTATTTGTGCTTATGAGTTTCAATATATAGGGTTATTTCTAAATAG 900
901 AATAGTTTAAACTAATATATCTTCAAAACGCTCTAGTTTGTAGTAGCTACCGTTGTTGGA 960
901 AATAGTTTAAACTAATATATCTTCAAAACGCTCTAGTTTGTAGTAGCTACCGTTGTTGGA 960
961 TTGAATTTTCTGATCTGAAAGAAACAAAGGCTGCTTCTGCGCAGAACCTTTTGC 1020
961 TTGAATTTTCTGATCTGAAAGAAACAAAGGCTGCTTCTGCGCAGAACCTTTTGC 1020
1021 CTCCCCCAGTCACTTGTGGAGCAGCACTAGTTAGGGCCAGAGTTCGGCTTCTGTGT 1080
1021 CTCCCCCAGTCACTTGTGGAGCAGCACTAGTTAGGGCCAGAGTTCGGCTTCTGTGT 1080
1081 GGTGATTTTACGCTCTGCTTAAACAGGAGCCATCATCTTTTGTAGTCTCTATTCCACCCTT 1140
1081 GGTGATTTTACGCTCTGCTTAAACAGGAGCCATCATCTTTTGTAGTCTCTATTCCACCCTT 1140
1141 CTCACAGCTTTTGTGTTGTTGTTGTTTGTGTTTGTGAGACAGAGTCTCACTCTGTGTC 1200
1141 CTCACAGCTTTTGTGTTGTTGTTGTTTGTGTTTGTGAGACAGAGTCTCACTCTGTGTC 1200
1201 CCAGGCTGAGTGCAGTGCACAACTCGGCTCATTTGAACTCCGCTCCCGCGTTCAA 1260
1201 CCAGGCTGAGTGCAGTGCACAACTCGGCTCATTTGAACTCCGCTCCCGCGTTCAA 1260
1261 GTGATTTCTTGCCTCAGCTCCCAAGTAACTGATATTATACAGCGCCAGCCACACACC 1320

1261 GTGATTTCTTGCCTCAGCTCCCAAGTAACTGATATTATACAGCGCCAGCCACACACC 1320
1321 CCGCTGATTTTGTATTTTATAGACGCGGTTTCCACAGTTCGCGCGGCTGGTCTC 1380
1321 CCGCTGATTTTGTATTTTATAGACGCGGTTTCCACAGTTCGCGCGGCTGGTCTC 1380
1381 AAACTTGTGACTCAAGTGAACCAACCCGCTGTGCTCCCAAGTGTGGAAATTAACACAG 1440
1381 AAACTTGTGACTCAAGTGAACCAACCCGCTGTGCTCCCAAGTGTGGAAATTAACACAG 1440
1441 GTGAGCCACCATGCGCGCTCACACGTTTGTAGTTGATACCATTTGCGCATTTCTTTTG 1500
1441 GTGAGCCACCATGCGCGCTCACACGTTTGTAGTTGATACCATTTGCGCATTTCTTTTG 1500
1501 GCCTCTTTTGTCCATAGAGGCTTCAAGATAGATAGTAAAGCCAGTAGTGTTCATA 1560
1501 GCCTCTTTTGTCCATAGAGGCTTCAAGATAGATAGTAAAGCCAGTAGTGTTCATA 1560
1561 AGAAGCCAAATAGAGAGGAGGAGCCATTTATCAGGTGGCAGGTGTCCCGGCTCCCTGC 1620
1561 AGAAGCCAAATAGAGAGGAGGAGCCATTTATCAGGTGGCAGGTGTCCCGGCTCCCTGC 1620
1621 TGGCTAGTCCCAAGCGGTGTGTCGCCAGGATGTCTTGGAGGTGATATATGGACACAG 1680
1621 TGGCTAGTCCCAAGCGGTGTGTCGCCAGGATGTCTTGGAGGTGATATATGGACACAG 1680
1681 AGGCACGTAGTCTCCATAGGTTAAATGCGCCACCAAACTGGCTTGTGCTAATATCCCTC 1740
1681 AGGCACGTAGTCTCCATAGGTTAAATGCGCCACCAAACTGGCTTGTGCTAATATCCCTC 1740
1741 ATTGACTATTATAGCATTTAAATTTATTTTCTGTGACATTTCTGCAAGCTTTGTATTTA 1800
1741 ATTGACTATTATAGCATTTAAATTTATTTTCTGTGACATTTCTGCAAGCTTTGTATTTA 1800
1801 TATTTCCATTTATAGATGAGAAATTTGAGGCTCTTATAGAGTAAATATGATGCGCCAGG 1860
1801 TATTTCCATTTATAGATGAGAAATTTGAGGCTCTTATAGAGTAAATATGATGCGCCAGG 1860
1861 TCACACAGGAGTGCAGACAGCAAGCTTTTAAATAAGAAAAATTAATAAATAATAATA 1920
1861 TCACACAGGAGTGCAGACAGCAAGCTTTTAAATAAGAAAAATTAATAAATAATAATA 1920
1921 TGAGAGTAACCTTAAATAATTAATAAACCACCAATTTTAAATTAATTAATTAATTAATTA 1980
1921 TGAGAGTAACCTTAAATAATTAATAAACCACCAATTTTAAATTAATTAATTAATTAATTA 1980
1981 CATTAATAAAGTTAAGATACCAAAAAA 2017
1981 CATTAATAAAGTTAAGATACCAAAAAA 2017

RESULT 2

US-09-834-795A-6
; Sequence 6, Application US/09834795A
; Patent No. US2002076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 3117

[illegible]

ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: n at any position in the sequence represents a or g or c or t/u
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: y at any position in the sequence represents t/u or c
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: m at any position in the sequence represents a or c
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: k at any position in the sequence represents g or t/u
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: s at any position in the sequence represents g or c
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: w at any position in the sequence represents a or t/u
NAME/KEY: unsure
LOCATION: (1) .. (3117)
OTHER INFORMATION: r at any position in the sequence represents g or a

US-09-834-794A-6

Query Match 51.3%; Score 1035.2; DB 10; Length 3117;
Best Local Similarity 86.5%; Pred. No. 1.3e-231;
Matches 1172; Conservative 73; Mismatches 92; Indels 18; Gaps 15;

671 GGTATGCAATGTAGCCAAATATATATCTCAAACTCTGGGCTCAAGCGATCCTCCACCT 730
Db GGTCTCACTATGTTGCCAGGTGATCTCAAACTCTGGGCTCAAGCGATCCTCCACCT 1728
731 TAGCTCCCAAGTACTGGGATATAGGTGACCCAGCGCTGCGCCTTAATTTATTTTC 790
Db TAGCTCCCAAGTACTGGGATATAGGTGACCCAGCGCTGCGCCTTAATTTATTTTC 1788
791 TTGTGATCAATTCAGGTTTAAATGTTTGTGTTAAGAAATTCCTACGTGAATTCGTGTAC 850
Db TTGTGATCAATTCAGGTTTAAATGTTTGTGTTAAGAAATTCCTACGTGAATTCGTGTAC 1848
851 TTATTTGTCTATTTAGAGTTCATAAATATAGGTTTATTTCTAAATAGAAATGTTTAA 910
Db TTATTTGTCTATTTAGAGTTCATAAATATAGGTTTATTTCTAAATAGAAATGTTTAA 1908
911 ACTAAATATACTTCAAAACGCTAGTTTGTAGTAGCTACCGTGTGTTGGATTGAAATTTT 970
Db ACTAAATATACTTCAAAACGCTAGTTTGTAGTAGCTACCGTGTGTTGGATTGAAATTTT 1968
971 CTGATACTGAAAGAAACAAAAGCCTGCTTTCTGCCAGAACCTTTTGTCTCCCCAGT 1030
Db CTGATACTGAAAGAAACAAAAGCCTGCTTTCTGCCAGAACCTTTTGTCTCCCCAGT 2028
1031 CAGTTCTTGAGAGAGACTAGTTAGGGGCCAGAGTTGCGCTTCTGTGTGGATTGTTA 1090
Db CAGTTCTTGAGAGAGACTAGTTAGGGGCCAGAGTTGCGCTTCTGTGTGGATTGTTA 2088
1091 CGCTCTGCTTAAACAAAGAGCCTACATCTTTTAGCTCTATTCACACCTTCTCACAGTT 1150
Db CGCTCTGCTTAAACAAAGAGCCTACATCTTTTAGCTCTATTCACACCTTCTCACAGTT 2148
1151 TTTGTTGTTGTTGTTGTTGTTTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 1209
Db TTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT 2207
1210 AG-TGCAGTGGCAAACTCTGGCT-CATTGCAACCTCGCTCCG--CGTTCAAGTAT 1265
Db AG-TGCAGTGGCAAACTCTGGCT-CATTGCAACCTCGCTCCG--CGTTCAAGTAT 2267
1266 TCTCTTGCCTCAGCT--CCCAAGTAAGTATATACAGGCGCCAGCCACACACCCCGC 1324
Db TCTCTTGCCTCAGCT--CCCAAGTAAGTATATACAGGCGCCAGCCACACACCCCGC 2327

1325 TGATTTTGTATTTTCTAGTAGAGAGGGGTTTCCACAGTTGGCGGCTGTCTCACAAC 1384
Db TGATTTTGTATTTTCTAGTAGAGAGGGGTTTCCACAGTTGGCGGCTGTCTCACAAC 2387
1385 T-CTTGACCTCAAGTGAACACCCGCTGTGCTCCCAAACTGTGGAATTAACACGCG-T 1442
Db T-CTTGACCTCAAGTGAACACCCGCTGTGCTCCCAAACTGTGGAATTAACACGCG-T 2447
1443 GAGCACCATGCGGGCTCACAGTTTGTAG-TTGATACCATTTGTCCTCTTTTGG 1501
Db GAGCACCATGCGGGCTCACAGTTTGTAG-TTGATACCATTTGTCCTCTTTTGG 2507
1502 CCTCTTTTGTCCATAGAGGCTTCAAGATAGATAGTAAAGAGCCAGTAGT-GTTTATA 1560
Db CCTCTTTTGTCCATAGAGGCTTCAAGATAGATAGTAAAGAGCCAGTAGT-GTTTATA 2567
1561 AGAAGCCAATAGAGAGGAGGAGCCACTTTTA--TCAGGTGGCAGGTGCTCCCGGCTCCCT 1618
Db AGAAGCCAATAGAGAGGAGGAGCCACTTTTA--TCAGGTGGCAGGTGCTCCCGGCTCCCT 2627
1619 GCTGGCTAGTCCCAAGCGGTGCTGTCGAGGATGCTTTGAGAGTGATATAGGACACAC 1678
Db GCTGGCTAGTCCCAAGCGGTGCTGTCGAGGATGCTTTGAGAGTGATATAGGACACAC 2687
1679 --AGAGCAGCTAGCTCTCCATAGTTAAATGCCACCAAACTGCGCTTT-GCCTAATAT 1735
Db --AGAGCAGCTAGCTCTCCATAGTTAAATGCCACCAAACTGCGCTTT-GCCTAATAT 2747
1736 CCTCATGACTATTAGCTTTAAATTTATTTTCTGACATTTCTGCAAG-CTTTG 1794
Db CCTCATGACTATTAGCTTTAAATTTATTTTCTGACATTTCTGCAAG-CTTTG 2807
1795 TATTTATTTCCACTTTATAGATGAGGAAATTTGAGGCTCTTAGAGGTAATAGACTG 1854
Db TATTTATTTCCACTTTATAGATGAGGAAATTTGAGGCTCTTAGAGGTAATAGACTG 2867
1855 CCCAGGT-CACACAGGAAGTGGCAGACAGACTTTTAAATAGAAAAAATTAATAAAA 1913
Db CCCAGGT-CACACAGGAAGTGGCAGACAGACTTTTAAATAGAAAAAATTAATAAAA 2927
1914 TATAATATGAGAGTAACCTTAAATATTAATTAACCAACAAATTTTAAATTAACCGTGA 1973
Db TATAATATGAGAGTAACCTTAAATATTAATTAACCAACAAATTTTAAATTAACCGTGA 2987
1974 TAACCAACATTAATAAAGTTAAGATACCAAAAAA 2008
Db TAACCAACATTAATAAAGTTAAGATACCAAAAAA 3022

RESULT 4

US-10-106-698-1194
; Sequence 1194, Application US/10106698
; Publication No. US20030109690A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptides
; FILE REFERENCE: P0005P1
; CURRENT APPLICATION NUMBER: US/10/106,698
; PRIOR FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US00/26524
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/157,137
; PRIOR FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: US 60/163,280
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 8564
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 1194
; LENGTH: 643
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature

```
; LOCATION: (617)...(617)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-106-698-1194

Query Match      26.9%; Score 542.2; DB 15; Length 643;
Best Local Similarity 99.1%; Pred. No. 1.5e-116;
Matches 544; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1460 TCACAGCTTTGAGTTGATACCAATGTCCTCTTTTGGCCCTTTTGTGTCATAG 1519
Db 1 TGACACGTTTAAAGTTGATACCAATGTCCTCTTTTGGCCCTTTTGTGTCATAG 60

QY 1520 AGGCTTCAAGATAGATAGTAAAGCCAGCCAGTAGTGTCTAATAAGACCAATAGAGCAG 1579
Db 61 AGGCTTCAAGATAGATAGTAAAGCCAGCCAGTAGTGTCTAATAAGACCAATAGAGCAG 120

QY 1580 GAGCCACATTTATCAGGTGGCAGGTGTCCTGGGCTTCTGCTGGCTAGTCCCAAGCGGTG 1639
Db 121 GAGCCACATTTATCAGGTGGCAGGTGTCCTGGGCTTCTGCTGGCTAGTCCCAAGCGGTG 180

QY 1640 GTGTTGCCAGGATGCTTGGAGGTGATATAGTGGACACACAGAGGCACTGAGTCTCCATAG 1699
Db 181 GTGTTGCCAGGATGCTTGGAGGTGATATAGTGGACACACAGAGGCACTGAGTCTCCATAG 240

QY 1700 GTTAAATGCCACCAAACTGCGCTTGGCTTAATATCCCTCAATGACTATTTAGCATTTA 1759
Db 241 GTTAAATGCCACCAAACTGCGCTTGGCTTAATATCCCTCAATGACTATTTAGCATTTA 300

QY 1760 ATTTATTTATTTTCTGACATTTCTGCAAGCTTTGTATTTATTTATTTTCCACTTTATAGATG 1819
Db 301 ATTTATTTATTTTCTGACATTTCTGCAAGCTTTGTATTTATTTATTTTCCACTTTATAGATG 360

QY 1820 AGGAATTTGAGGCTTTAGAGTAAATGACTTGGCCCGAGTGCACACAGGAAGTGCAGAG 1879
Db 361 AGGAATTTGAGGCTTTAGAGTAAATGACTTGGCCCGAGTGCACACAGGAAGTGCAGAG 420

QY 1880 GACAAGCTTTTAAATAAGAAAAATTAATAATAATATATATATATATATATATATATATAT 1939
Db 421 GACAAGCTTTTAAATAAGAAAAATTAATAATAATATATATATATATATATATATATATAT 480

QY 1940 TAATAAACCAATTTTAAATTAATTAACCGTGATACCAACCAATTAATAAAGTTAAGAT 1999
Db 481 TAATAAACCAATTTTAAATTAATTAACCGTGATACCAACCAATTAATAAAGTTAAGAT 540

QY 2000 ACCAAAAA 2008
Db 541 ACCAAAAA 549

RESULT 5
US-10-296-115-255
; Sequence 255, Application US/10296115
; Publication No. US20040053248A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: No. US20040053248A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 784PCT
; CURRENT APPLICATION NUMBER: US/10/296,115
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 1478
; SEQ ID NO 255
; LENGTH: 698
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-296-115-255

Query Match      24.9%; Score 501.8; DB 13; Length 698;
Best Local Similarity 99.6%; Pred. No. 4.4e-107;
Matches 503; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 84 CCTCATTTCTGATCGAACAGCCTCACITGTGTTGCTGTCTAGTGCCTAGGCGAGGCGAG 143
Db 1 CCTCATTTCTGATCGAACAGCCTCACITGTGTTGCTGTCTAGTGCCTAGGCGAGGCGAG 60

QY 144 GAATCAGCAGAGAGGACTCGCCATCTGTGGCTTGTGCTGTCTGTGGGCGCCCTACATGCT 203
Db 61 GAATCAGCAGAGAGGACTCGCCATCTGTGGCTTGTGCTGTCTGTGGGCGCCCTACATGCT 120

QY 204 CAGAGCCATATCTTCCCATTTGCTCCAGTGTGTCACGAGGTTTCAATATATTTCCA 263
Db 121 CAGAGCCATATCTTCCCATTTGCTCCAGTGTGTCACGAGGTTTCAATATATTTCCA 180

QY 264 GAGGCTCTCTGAAAGAGTGAATATGTCTCCGATCCAGAGAGCTGATGGGATTTGTGACT 323
Db 181 GAGGCTCTCTGAAAGAGTGAATATGTCTCCGATCCAGAGAGCTGATGGGATTTGTGACT 240

QY 324 TGGCTGTCTGTCTATCTTCTCATGTCAAGCGCAGAGAAATCTGTCTAGCCCGCAACAACCAT 383
Db 241 TGGCTGTCTGTCTATCTTCTCATGTCAAGCGCAGAGAAATCTGTCTAGCCCGCAACAACCAT 300

QY 384 CTGTTAAGCAGTGGATGAAAGTGCAGAGTGCAGAAATGTTAAAGAAATGTTTGGC 443
Db 301 CTGTTAAGCAGTGGATGAAAGTGCAGAGTGCAGAAATGTTAAAGAAATGTTTGGC 360

QY 444 ACAGAGAAACACACCATGCGCAGAGGAAACAGTAAACAGGCACATCAGGGGAAACAGGAA 503
Db 361 ACAGAGAAACACACCATGCGCAGAGGAAACAGTAAACAGGCACATCAGGGGAAACAGGAA 420

QY 504 CATAGCGGCATAAAACTCTCTTATTAGAGAGTCTACAGATAAAATCTACAGAGCAAAATCTCT 563
Db 421 CATAGCGGCATAAAACTCTCTTATTAGAGAGTCTACAGATAAAATCTACAGAGCAAAATCTCT 480

QY 564 CAAGTGGACTTGGCCATGATGGTT 588
Db 481 CAAGTGGACTTGGCCATGATGGTT 505

RESULT 6
US-09-898-751A-5
; Sequence 5, Application US/09898751A
; Patent No. US20020160024A1
; GENERAL INFORMATION:
; APPLICANT: Oldham, Elizabeth R.
; APPLICANT: Soto, Hortensia
; APPLICANT: Liu, Ying
; APPLICANT: Hudak, Susan A.
; APPLICANT: Homey, Bernhard
; APPLICANT: Morales, Janine M.
; APPLICANT: Kellerman, Sirid-Aimee
; APPLICANT: McEvoy, Leslie M.
; APPLICANT: Bowman, Edward P.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: CHEMOKINE AND RECEPTOR USES; COMPOSITIONS; METHODS
; FILE REFERENCE: DX0882XK
; CURRENT APPLICATION NUMBER: US/09/898,751A
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: US09/471,549
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US60/136,570
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: US60/113,858
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 731
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (56)..(436)
; OTHER INFORMATION:
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QY 513 ATAAACTCTCTTATTAGAGAGTCTACAGATAAAATCTACAGAGCAATTCCTCAAGTGGAC 572
Db 423 ATAAACTCTCTTATTAGAGAGTCTACAGATAAAATCTACAGAGCAATTCCTCAAGTGGAC 482

QY 573 TTGCCCATGATTGGTTGT 590
Db 483 TTGCCCATGATTGGTTGT 500

RESULT 8
US-09-931-381A-1
; Sequence 1, Application US/09931381A
; Patent No. US20020137107A1
; GENERAL INFORMATION:
; APPLICANT: Butcher, Eugene C.
; APPLICANT: Kunkel, Eric J.
; APPLICANT: Pan, Junliang
; APPLICANT: Soler-Ferran, Dulce
; TITLE OF INVENTION: Method for Identifying Agents Which
; TITLE OF INVENTION: Modulate Chemokine "Mec"-Induced Functions of CCR3 and/or
; TITLE OF INVENTION: CCR10
; FILE REFERENCE: 1855-2010-003
; CURRENT APPLICATION NUMBER: US/09/931.381A
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: U.S. 09/638,914
; PRIOR FILING DATE: 2000-08-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (53)...(436)
US-09-931-381A-1

Query Match 24.6%; Score 497; DB 9; Length 768;
Best Local Similarity 100.0%; Pred. No. 6.2e-106;
Matches 497; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 94 TGATCGAACAGCTCACTTGTGTGCTGTCAGTCCAGTAGGCGCAGGAGGAGTGCAGCA 153
Db 1 TGATCGAACAGCTCACTTGTGTGCTGTCAGTCCAGTAGGCGCAGGAGGAGTGCAGCA 60

QY 154 GAGAGACTCGCCATCGTGGCCCTTGGCTGTCTGTGGGCCCTACATGCTCAGAGCCAT 213
Db 61 GAGAGACTCGCCATCGTGGCCCTTGGCTGTCTGTGGGCCCTACATGCTCAGAGCCAT 120

QY 214 ACTTCCCATGCTCCAGCTGTGTCAGGAGGTTTCACATCATATTTCCAGAGGCTCCT 273
Db 121 ACTTCCCATGCTCCAGCTGTGTCAGGAGGTTTCACATCATATTTCCAGAGGCTCCT 180

QY 274 GGAAGAGTGAATATGTGTCGATCCAGAGAGTGTGAGGATGTGACTTGGCTGCTGT 333
Db 181 GGAAGAGTGAATATGTGTCGATCCAGAGAGTGTGAGGATGTGACTTGGCTGCTGT 240

QY 334 CATCTTCATGTCAAGCGCAGAGAAATCTGTGTCAGCGCGCACAACCACTGTGTTAAGCA 393
Db 241 CATCTTCATGTCAAGCGCAGAGAAATCTGTGTCAGCGCGCACAACCACTGTGTTAAGCA 300

QY 394 GTGGATGAAAGTCAAGCTGCCAAGAAAATGTTAAGGAAATGTTTGCACAGAGAA 453
Db 301 GTGGATGAAAGTCAAGCTGCCAAGAAAATGTTAAGGAAATGTTTGCACAGAGAA 360

QY 454 ACACCATGGCAAGAGGAAACAGTAACAGGCGCACATCAGGGGAAACACGAAACATACGCCCA 513
Db 361 ACACCATGGCAAGAGGAAACAGTAACAGGCGCACATCAGGGGAAACACGAAACATACGCCCA 420

QY 514 TAAACTCTCTTATTAGAGAGTCTACAGATAAAATCTACAGAGCAATTCCTCAAGTGGACT 573
Db 421 TAAACTCTCTTATTAGAGAGTCTACAGATAAAATCTACAGAGCAATTCCTCAAGTGGACT 480

QY 574 TGCCCATGATTGGTTGT 590
Db 481 TGCCCATGATTGGTTGT 497

RESULT 9
US-09-814-353-21771
; Sequence 21771, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814.353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21771
; LENGTH: 904
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1, 2, 3, 4, 5, 6, 7, 8, 9, 904
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21771

Query Match 20.8%; Score 418.6; DB 10; Length 904;
Best Local Similarity 95.8%; Pred. No. 1.6e-87;
Matches 474; Conservative 0; Mismatches 14; Indels 7; Gaps 4;

QY 201 CCTCAGAACCCATACCTTCCCATTCCTCCAGCTGTTCAGCGAGGTTTCACATCATATTT 260
Db 97 CCTCAGAACCCATACCTTCCCATTCCTCCAGCTGTTCAGCGAGGTTTCACATCATATTT 156

QY 261 CCAGAGGCTCCTGGAAAGAGTGAATATGTGTCGATCCAGAGAGTGTATGGGATTTGTG 320
Db 157 CCAGAGGCTCCTGGAAAGAGTGAATATGTGTCGATCCAGAGAGTGTATGGGATTTGTG 216

QY 321 ACTTGGCTCTGTCTATCTTCATGTCAAGCGCAGAGAAATCTGTGTCAGCGCGCAACCC 380
Db 217 ACTTGGCTCTGTCTATCTTCATGTCAAGCGCAGAGAAATCTGTGTCAGCGCGCAACCC 276

QY 381 ATACTGTTAAGCAGTGGATGAAAGTCAAGCTGCCAAGAAAATGTTAAGGAAATGTTT 440
Db 277 ATACTGTTAAGCAGTGGATGAAAGTCAAGCTGCCAAGAAAATGTTAAGGAAATGTTT 336

QY 441 GCCACAGGAAGAAACACCATGGCAAGAGAAACAGTAACAGGCGCACATCAGGGGAAACACG 500
Db 337 GCCACAGGAAGAAACACCATGGCAAGAGAAACAGTAACAGGCGCACATCAGGGGAAACACG 396

QY 501 AAACATAGCGGCATAAAACTCCTTATTAGAGAGTCTTACAGATAAAATCTACAGAGCAAT 560
Db 397 AAACATAGCGGCATAAAACTCCTTATTAGAGAGTCTTACAGATAAAATCTACAGAGCAAT 456

QY 561 CCTCAAGTGGACTTGGCCATGATT--GGTTGTAAGTTATCATCTGAATTCCTCTTATTG 618

Db 457 CCTCAAGTGACCTGGCCATGATTGGTTGTGAAGTTTATCACTGAATTCCTCTTA-TG 515
QY 619 TAGACACAGACAAACAAATATGTTTAAATAA---TGAACAATTGTG-CGGTA 674
Db 516 GAGACACAGACAAACAAATATGTTTAAACAAATGAACCAATGTGCCGGTA 575
QY 675 TGCAAAATGTAGCCAA 689
Db 576 TGCAAAATGTGCCAA 590

RESULT 10

US-10-146-496-3
; Sequence 3, Application US/10146496
; Publication No. US20030031646A1
; GENERAL INFORMATION:
; APPLICANT: Vicari, Alain
; Morales, Janine M.
; Hedrick, Joseph A.
; Zlotnik, Albert
; TITLE OF INVENTION: Mammalian Chemokines
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DNAX Research Institute
; STREET: 901 California Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1104

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/146,496
FILING DATE: 15-May-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/978,964A
FILING DATE: 26-NOV-1997
APPLICATION NUMBER: US xx/xxx,xxx
FILING DATE: 24-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0684K1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
TELEFAX: (650)496-1204

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
LENGTH: 496 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-146-496-3

Query Match 18.3%; Score 369.6; DB 15; Length 496;

Best Local Similarity 85.0%; Pred. No. 3.3e-76;
Matches 420; Conservative 0; Mismatches 70; Indels 4; Gaps 2;

QY 91 TCCTGATGACAGCCTCACTGTGTTCTGTCTAGTGCAGTAGGCGAGCGAGGAATGCA 150

Db 1 TCCTGATGACAGCCTCACTGTGTTCTGTCTAGTGCAGTAGGCGAGCGAGGAATGCA 60

QY 151 GCAGAGAGACTCGGCATCGTGCCTTGCTGTCTGTGGCGCCTACATGCTCAGAAGC 210

Db 61 GCAGAGAGACTCGGCATCGTGCCTTGCTGTCTGTGGCGCCTACATGCTCAAAGC 120

QY 211 CATACTTCCATTGGCTCCAGCTGTTGACGAGGTTTCATCATATATTTCAGAAGGCT 270

Db 121 CATACTTCCCATTCCTCCAGCTGTTGCACGGAGTTTCAATATTTCCAGAAGGCT 180
QY 271 CCT-GGAAAGAGTAATATGTGCGCATCCAGAGAGCTGATGGGATTTGTGACTTGGCTG 329
Db 181 CCTGGGAAAGAGTGAATATGTGCGCATCCAGAGAGCTGATGGGATTTGTGACTTGGCTG 240
QY 330 CTGTCACTCCTTCATGTCAAGCGCAGAAGAATCTGTGTGAGCCGCCACCAACCATACTGTGA 389
Db 241 CTGTCACTCCTTCATGTCAAGCGCAGAAGAATCTGTGTGAGCCGCCACCAACCATACTGTGA 300
QY 390 AGCAGTGGATGAAAGTCCAAAGTCCCAAGAAAAATGTTAAAGAAAAATGTTTGGCACAGGA 449
Db 301 AGCAGTGGTCAAAGTCCAAAGTTCGCCAGGAAAAATGTTAAAGAAAAATTTTTCACACAGG 360
QY 450 AG---AAACACCATGGCAAGGAGAACAGTACACGGGCACATCAGGGGAAACACCAAAACAT 506
Db 361 NGGAAACACCTTGGGNAAGGGGANCCTTTACACGGGNACTTNNNGGGGAAANGGGAANTT 420
QY 507 ACGGCCATAAAACTCCTTTATTAGAGAGCTACAGATAAATCTACAGAGACAAATTCCTCAA 566
Db 421 NGGGCNTMAAAATCCCTTTTNNNGGGNTTTAAGGTAAATTTTNNNGGAAATTTTCNA 480
QY 567 GTGACTTGGCCAT 580
Db 481 GGGGNTTTGGNCAT 494

RESULT 11

US-09-964-824A-56/c
; Sequence 56, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: Horrigan, Stephen
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal
; FILE OF INVENTION: Sets
; FILE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; PRIOR FILING DATE: 2001-09-27

PRIOR APPLICATION NUMBER: US/60/236,033
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,032
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,028
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 583
SOFTWARE: PatentIn version 3.0
SEQ ID NO 56

LENGTH: 472

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(472)

OTHER INFORMATION: n=a,t,g or c

US-09-964-824A-56

Query Match

Best Local Similarity 17.9%; Score 361.8; DB 9; Length 472;

Matches 374; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1633 AGCGGTGGTGTGTCAGGATGCTTTGGAGGTGATAATGGGACACACAGAGGCACCTGAGTC 1692

Db 471 AGCGGTGGTGTGTCAGGATGCTTTGGAGGTGATAATGGGACACACAGAGGCACCTGAGTC 412

QY 1693 TCCATAGTTAAAATG-CCACAAAACCTGGCTTTCCTATATCCCTCATTTGACTATTT 1751

Db 411 TCCATAGTTAAAATG-CCACAAAACCTGGCTTTCCTATATCCCTCATTTGACTATTT 352

QY 1752 AGCATTTAATTTATTTATTTTTCCTGACATTTCTGCAAGCTTTGTATTTATTTTCCACTT 1811

Db 351 GGCATTTAATTTATTTATTTTTCCTGACATTTCTGCAAGCTTTGTATTTATTTTCCACTT 292

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QY 1812 TATAGATGAGGAAATTGAGGCTCTTAGAGTAAATGACTTGCCAGGTACACAGGAA 1871
Db 291 TATAGATGAGGAAATTGAGGCTCTTAGAGTAAATGACTTGCCAGGTACACAGGAA 232
QY 1872 GTGCAGAGACAAGCTTTTAAATAAGAAAAATTAATAATATATATGAGAGTAACT 1931
Db 231 GTGCAGAGACAAGCTTTTAAATAAGAAAAATTAATAATATATATGAGAGTAACT 172
QY 1932 TAAATATTAATAAACACCAATTTTAAATTAATTAACCGTGATACCAACATTAAATAAA 1991
Db 171 TAAATATTAATAAACACCAATTTTAAATTAATTAACCGTGATACCAACATTAAATAAA 112
QY 1992 GTTAAGATACCAAAAA 2008
Db 111 GTTAAGATACCAAAACA 95
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RESULT 12

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US-09-873-367C-175/c
; Sequence 175, Application US/09873367C
; Publication No. US20030165839A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; APPLICANT: Soppet, Daniel
; APPLICANT: Endress, Gregory
; APPLICANT: Augustus, Meena
; APPLICANT: Ebner, Reinhard
; APPLICANT: Carter, Kenneth
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using
; FILE REFERENCE: Signature Gene Sets
; CURRENT APPLICATION NUMBER: US/09/873,367C
; PRIOR FILING DATE: 2003-04-29
; PRIOR FILING DATE: U.S. 60/236,891
; PRIOR FILING DATE: 2000-09-29
; PRIOR FILING DATE: U.S. 60/236,842
; PRIOR FILING DATE: 2000-09-29
; PRIOR FILING DATE: U.S. 60/244,867
; PRIOR FILING DATE: 2000-11-01
; PRIOR FILING DATE: U.S. 60/245,084
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 1067
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 175
; LENGTH: 472
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(472)
; OTHER INFORMATION: n=a,t,g or c
US-09-873-367C-175
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Query Match 17.9%; Score 361.8; DB 10; Length 472;
Best Local Similarity 99.2%; Pred. No. 2.2e-74;
Matches 374; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1633 AGCGTGGTGTGCCAGGATGCTTGAGGTGATATGGACACACAGAGGCACCTGAGTC 1692
Db 471 AGCGTGGTGTGCCAGGATGCTTGAGGTGATATGGACACACAGAGGCACCTGAGTC 412
QY 1693 TCCATAGGTTAAATG-CCACCAAAACTGGCCTTTCCTTAATATCCTCATTTGACTATTT 1751
Db 411 TCCATAGGTTAAATGCCCCACCAAACTGGCCTTTCCTTAATATCCTCATTTGACTATTT 352
QY 1752 AGCATTTAATTTATTTTCTGACATTTCTGCAAGCTTTGTATTTATATTTCCACTT 1811
Db 351 GGCATTTAATTTATTTTCTGACATTTCTGCAAGCTTTGTATTTATATTTCCACTT 292
QY 1812 TATAGATGAGGAAATTGAGGCTCTTAGAGTAAATGACTTGCCAGGTACACAGGAA 1871
Db 291 TATAGATGAGGAAATTGAGGCTCTTAGAGTAAATGACTTGCCAGGTACACAGGAA 232
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QY 1872 GTGCAGAGACAAGCTTTTAAATAAGAAAAATTAATAATATATATGAGAGTAACT 1931
Db 231 GTGCAGAGACAAGCTTTTAAATAAGAAAAATTAATAATATATATGAGAGTAACT 172
QY 1932 TAAATATTAATAAACACCAATTTTAAATTAATTAACCGTGATACCAACATTAAATAAA 1991
Db 171 TAAATATTAATAAACACCAATTTTAAATTAATTAACCGTGATACCAACATTAAATAAA 112
QY 1992 GTTAAGATACCAAAAA 2008
Db 111 GTTAAGATACCAAAACA 95

RESULT 13
US-10-029-386-4899/c
; Sequence 4899, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 4899
; LENGTH: 533
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC025457.3
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.5
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.7
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.8
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
; OTHER INFORMATION: SWISSPROT HIT: Q9NRJ3, EVALUE 7.00e-35
; OTHER INFORMATION: NT HIT: AF266504.1, EVALUE 0.00e+00
; OTHER INFORMATION: EST_HUMAN HIT: BG530240.1, EVALUE 0.00e+00
US-10-029-386-4899
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Query Match 17.7%; Score 356.4; DB 15; Length 533;
Best Local Similarity 97.1%; Pred. No. 4.3e-73;
Matches 363; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 316 TTGTGACTTGGCTGCTGTCATCCTTCATGTCGAAGCGCAGAAGAATCTGTGTCAGCCCGCA 375
Db 374 TTTTGCTTCCTTTTCTAACAGGCTTTCATGTCGAAGCGCAGAAGAATCTGTGTCAGCCCGCA 315
QY 376 CAACCATACCTGTTAAGCAGTGGATGAAAGTGAAGTGCAGCAAGAAATGGTAAAGGAAA 435
Db 314 CAACCATACCTGTTAAGCAGTGGATGAAAGTGAAGTGCAGCAAGAAATGGTAAAGGAAA 255
QY 436 TGTTCCTCCACAGGAAAGAACACCATGCGAAGAGGAACAGTAAACAGGGCACATCAGGGGAA 495
Db 254 TGTTCCTCCACAGGAAAGAACACCATGCGAAGAGGAACAGTAAACAGGGCACATCAGGGGAA 195
QY 496 ACACGAAACATACGCCCATAAATCCTTATTAGAGAGTCTACAGATAAATCTACAGAGA 555
Db 194 ACACGAAACATACGCCCATAAATCCTTATTAGAGAGTCTACAGATAAATCTACAGAGA 135
QY 556 CAATTCCTCAAGTGAAGTGGCCATGATGGTTGAAGTATCATCTGAATTCCTTTA 615
Db 134 CAATTCCTCAAGTGAAGTGGCCATGATGGTTGAAGTATCATCTGAATTCCTTTA 75
QY 616 TTGTAGACACACAGAAACAAAACAAATATTTGGTTTTTAAAAAATGAACAAATTCGCGGTAT 675
Db 74 TTGTAGACACACAGAAACAAAACAAATATTTGGTTTTTAAAAAATGAACAAATTCGCGGTAT 15
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QY 676 GCAATGTAGCCAA 689
Db 14 GCAATGTAGCCAA 1

RESULT 14

US-09-918-995-35876
; Sequence 35876, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: PastSeq for Windows Version 3.0
; SEQ ID NO 35876
; LENGTH: 411
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-35876

Query Match 17.6%; Score 354.8; DB 10; Length 411;

Best Local Similarity 99.4%; Pred. No. 8.7e-73; Indels 0; Gaps 0;
Matches 356; Conservative 0; Mismatches 2;

QY 201 CCTCAGAGGCTCTCCCATTCCTCCAGCTGTGTCACGAGGTTTTCACATCATATTT 260
Db 54 CCTCAGAGGCTCTCCCATTCCTCCAGCTGTGTCACGAGGTTTTCACATCATATTT 113
QY 261 CCAGAGGCTCTCCCATTCCTCCAGCTGTGTCACGAGGTTTTCACATCATATTT 320
Db 114 CCAGAGGCTCTCCCATTCCTCCAGCTGTGTCACGAGGTTTTCACATCATATTT 173
QY 321 ACTTGGCTGTGTCATCTTCTCAAGCCGAGAGGATCTGTGTCAGCCGCAACACC 380
Db 174 ACTTGGCTGTGTCATCTTCTCAAGCCGAGAGGATCTGTGTCAGCCGCAACACC 233
QY 381 ATACTGTTAAGCAGTGGATGAAAGTCAAGCTGCCAAGAAATGTTAAAGGAAATGTTT 440
Db 234 ATACTGTTAAGCAGTGGATGAAAGTCAAGCTGCCAAGAAATGTTAAAGGAAATGTTT 293
QY 441 GCCACAGAGAAACACCATGTCAGAGGAAACAGTAAACAGGCAATCAGGGGAAACACG 500
Db 294 GCCACAGAGAAACACCATGTCAGAGGAAACAGTAAACAGGCAATCAGGGGAAACACG 353
QY 501 AAACATAGCCGCAATAAACTCTTATTAGAGGCTTACAGATAAATCTACAGAGCAA 558
Db 354 AAACATAGCCGCAATAAACTCTTATTAGAGGCTTACAGATAAATCTACAGAGCAA 411

RESULT 15

US-09-834-795A-11/C
; Sequence 11, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lyn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/11127-US3
; CURRENT APPLICATION NUMBER: US/09/834,795A
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 09/146,580
; PRIOR FILING DATE: 1998-09-03
; PRIOR APPLICATION NUMBER: 60/071,899
; PRIOR FILING DATE: 1998-01-20
; PRIOR APPLICATION NUMBER: 60/092,155
; PRIOR FILING DATE: 1998-07-09

; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 11
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (101)..(101)
; OTHER INFORMATION: n may be a or g or c or t/u
; NAME/KEY: unsure
; LOCATION: (162)..(162)
; OTHER INFORMATION: n may be a or g or c or t/u
US-09-834-795A-11

Query Match 15.0%; Score 302; DB 9; Length 311;

Best Local Similarity 99.3%; Pred. No. 1.7e-60;
Matches 302; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGCCATATCTTCCCATTCCTCCAGCTTTCACGAGGTTTTCACATCATATTTCCAGAAG 267
Db 311 AGCCATATCTTCCCATTCCTCCAGCTTTCACGAGGTTTTCACATCATATTTCCAGAAG 252
QY 268 GCTCCTGGAAGAGTGAATATGTGTCATCCAGAGCTGATGGGATTTGTGACTTGGC 327
Db 251 GCTCCTGGAAGAGTGAATATGTGTCATCCAGAGCTGATGGGATTTGTGACTTGGC 192
QY 328 TGCTGTCTATCTTCTCATCTCAAGCCGAGAGAAATCTGTGTCAGCCGCAACCATATCTGT 387
Db 191 TGCTGTCTATCTTCTCATCTCAAGCCGAGAGAAATCTGTGTCAGCCGCAACCATATCTGT 132
QY 388 TAAGCAGTGGATGAAAGTGCAGCTGCCAAGAAATGTTAAAGAAATGTTTGGCCACAG 447
Db 131 TAAGCAGTGGATGAAAGTGCAGCTGCCAAGAAATGTTAAAGAAATGTTTGGCCACAG 72
QY 448 GAAGAAACACCATGTCAGAGGAAACAGTAAACAGGCAATCAGGGGAAACACGAAACATA 507
Db 71 GAAGAAACACCATGTCAGAGGAAACAGTAAACAGGCAATCAGGGGAAACACGAAACATA 12
QY 508 CGGC 511
Db 11 CGGC 8

Search completed: July 10, 2004, 16:19:37

Job time : 905 secs